

Message Text

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ORIGIN OES-07

INFO OCT-01 EUR-12 ISO-00 ACDA-07 PM-05 CIAE-00 INR-07
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USEEC

E.O. 11652: N/A

TAGS: TECH, PARM, FR

SUBJECT: USE OF HIGHLY ENRICHED URANIUM (93 PERCENT) IN
FRENCH RESEARCH REACTORS

REF: PARIS 13619

1. GREATLY APPRECIATE DETAILED INFORMATION ON USE OF
HIGHLY ENRICHED URANIUM IN FRENCH RESEARCH REACTORS.
 2. RESOLVING INFORMATION CONTAINED REFERENCE, INVENTORY
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INFORMATION RECENTLY RECEIVED;AND PENDING APPLICATIONS FOR
HEU HAVE STIMULATED THE FOLLOWING QUESTIONS:

(A) WHAT IS THE DIFFERENCE BETWEEN THE EL-3 AND EL-3
ORPHEE REACTORS?

(B) IF THE EL-3 REACTOR REQUIRES 9.2 KILOGRAMS U-235

ANNUALLY, CURRENTLY HAS 9.3 KILOGRAMS U-235 IN UNIRRADIATED FUEL IN RESERVE, AND IS SCHEDULED TO TERMINATE OPERATION AT END OF 1978, WHY IS 25.760 KILOGRAMS U-235 BEING REQUESTED FOR THIS REACTOR?

(C) IF THE OSIRIS REACTOR REQUIRES 40 KILOGRAMS U-235 ANNUALLY, CURRENTLY HAS 48 KILOGRAMS U-235 IN THE FORM OF

UNIRRADIATED FUEL IN RESERVE, AND MAY BEGIN OPERATING WITH LESS THAN 20 PERCENT ENRICHED FUEL IN 1979, WHY IS A TOTAL OF 120.180 KILOGRAMS OF U-235 BEING REQUESTED FOR THIS REACTOR?

(D) IF THE TRITON REACTOR REQUIRES 4.5 KILOGRAMS OF U-235 ANNUALLY, CURRENTLY HAS 4.1 KILOGRAMS U-235 IN UNIRRADIATED RESERVE, AND MAY CONVERT TO USE OF LESS THAN 20 PERCENT ENRICHED FUEL IN 1979, WHY IS A TOTAL OF 23.038 KILOGRAMS U-235 BEING REQUESTED FOR THIS REACTOR?

(E) IF THE SILOE REACTOR REQUIRES 20 KILOGRAMS U-235 ANNUALLY, CURRENTLY HAS 27.2 KILOGRAMS U-235 IN THE FORM OF UNIRRADIATED FUEL IN RESERVE AND MAY BEGIN OPERATING WITH LESS THAN 20 PERCENT ENRICHED FUEL IN 1979, WHY IS A TOTAL OF 96.844 KILOGRAMS U-235 BEING REQUESTED FOR THIS REACTOR?

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(F) IF THE RAPSODIE REACTOR REQUIRES 40 KILOGRAMS U-235 ENRICHED TO 93 PERCENT ANNUALLY, CURRENTLY HAS 52.2 KILOGRAMS U-235 IN UNIRRADIATED RESERVE, WHY IS A TOTAL OF 69.750 KILOGRAMS U-235 BEING REQUESTED FOR THIS REACTOR AT THIS TIME?

3. WOULD APPRECIATE RESPONSE ASAP FOR PRESIDENTIAL REVIEW MEMORANDUM. VANCE

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